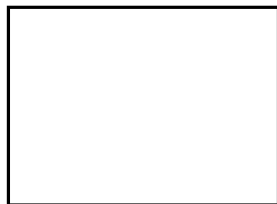


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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

CATALOG OF COMPUTER DOCUMENTATION FOR USERS OF THE INTEGRATED INFORMATION SYSTEM (IIS)



DECLASS REVIEW by NIMA/DOD

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JANUARY 1974

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CATALOG OF COMPUTER DOCUMENTATION FOR USERS OF
THE INTEGRATED INFORMATION SYSTEM [IIS]

January 1974 Edition

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iii

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THE INTEGRATED INFORMATION SYSTEM
AND ITS DOCUMENTATION FOR USERS

THE IIS: A SUMMARY

The Integrated Information System is an NPIC computer system that was developed to set up and maintain the Installations Data File and to expedite and monitor the exploitation of imagery. The Center began using the system in the fall of 1970. Since then, the system has been expanded to accommodate new files and computer programs. The IIS now includes the Exploitation Products File and many special-purpose files, also called private files. Authorized personnel in the Center update and maintain the IDF and the EPF. But anyone who has access to a remote terminal that is on line with these files may query them. Most special-purpose files were set up to meet the needs of individual users. And for the most part, their use is restricted to these users.

USER DOCUMENTATION AND
ITS DISSEMINATION

The documents listed on the following pages describe IIS files and the computer programs that can be used to update and query the files. [There are other computer programs that also update the files, but they are not available to users.] All of these publications were produced and disseminated by the Automated Information Division, PSG. Most have been displayed in the panel room in the NPIC Library. And several copies of each document have been sent to users throughout the building.

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There is no documentation that describes the entire IIS from a user's point of view.

DESCRIPTIONS OF FILES

EXPLOITATION PRODUCTS FILE, NPIC/R-11/73, First Edition, April 1973.

A detailed description of one of the principal files in the IIS; the subject of each record in the file is one document based on photo interpretation; required reference for those who update and query the file; includes sample printouts of each sector in a record and a list of the documentation used in preparing this edition.

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INSTALLATIONS DATA FILE, [REDACTED] Fourth Edition, July 1973.

A detailed description of one of the principal files in the IIS; the subject of each record in the file is one installation or target; required reference for those who update and query the file; includes sample printouts of records and a list of the documents used in preparing this edition.

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USING STATUS LIST FILES TO MONITOR THE EXPLOITATION OF IMAGERY, [REDACTED] First Edition, December 1973.

A brief description of status list files and the computer programs that update, use, and print the files; each file contains data on the exploitation of imagery [REDACTED] this data includes COMIREX codes, WWIPR parts, and data on readout requirements; the MGTSL and MGTSLA Programs use the files to produce statistics on the exploitation process; the PFSLRD and BQLT Programs print the files; all are run from remote terminals.

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UPDATING THE IDF AND EPF

DATA ENTRY PROGRAM, USER'S MANUAL FOR, [] Second Edition, May 1972.

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DEN enters target readouts and mission highlights in the Working File; this information is temporarily stored in the Working File until it is approved during a run of the VEA Program; it is then entered in the Installations Data File by the Automatic Update or AUD Program; DEN is run from an on-line teletype by authorized users.

DATA ENTRY PROGRAM FOR THE RESEARCH AND REFERENCE DIVISION, PSG, [] First Edition, November 1971.

This version of the DEN Program is used by R&RD to update the ILOCA and IPHOT sectors of records in the Installations Data File; manual includes sample transmission and output; run from an on-line teletype.

ON-LINE UPDATE PROGRAM - OUD, USER'S INSTRUCTIONS, Updating Files from a CRT, Second Edition, December 1973.

OUD can update the Installations Data File and the Exploitation Products File; adds and deletes sectors; inserts, replaces, and deletes fields; adds, inserts, replaces, and deletes occurrences of repeating fields; may be used only by those authorized to update the files; run from any on-line CRT; this version of OUD is more efficient than the 1970 program described in the publication listed below.

ON-LINE UPDATE PROGRAM, USER'S MANUAL FOR, [] First Edition, June 1970.

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Can update the Installations Data File; updates one sector at a time; performs the same update functions as the 1973 version of the program; this version of OUD is less efficient than the 1973 version; can be used to update the Exploitation Products File if OUDO, not OUD, is cited in program call; used only by authorized personnel; run from an on-line CRT.

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VERIFY, EDIT, AND APPROVE PROGRAM, USER'S MANUAL FOR, []
[] Second Edition, June 1971. [1974 edition is being prepared.]

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Used during the processing of a mission to display target readouts and mission highlights on a CRT screen; while displayed, this information is reviewed for accuracy and completeness; editorial changes [if any] are rapidly entered in the displayed data; if displayed readouts and highlights are approved, they are automatically entered in the Installations Data File by the AUD Program; VEA can also be used to monitor the status of readouts and highlights assigned to a given IEG component; run only from selected on-line CRTs.

QUERYING FILES

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BATCH QUERY LANGUAGE, BQL AND BQLT, USER'S MANUAL FOR, []
[] Second Edition, June 1972.

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BQL: designed for those who need a large volume of data from the Installations Data File and Exploitation Products File; can also be used to query special-purpose files; selects file records and prints all or part of each on the basis of conditions you specify in a query; can also count records and values and print a total; output can be printed or recorded on magnetic tape; all or parts of records can be printed in several different formats and in the sequence of your choice; run by operators in the computer room.

BQLT: its capabilities and functions are identical to those of BQL, but the volume of output is restricted so the program can be run from an on-line teletype or DCT 2000.

BQLT COMPUTER PROGRAM, ANNOUNCEMENT FOR USERS OF, NPIC/R-34/73, November 1973, Unclassified.

A summary of the improvements made to BQLT; includes one change for those who keypunch their queries.

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PIRL QUERY LANGUAGE, Querying NPIC Files from a CRT, []
Third Edition, August 1973.

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PIRL can retrieve information from the Exploitation Products File and the Installations Data File; only data that meets your conditions is selected and displayed; there are several kinds of queries: three count targets or reports and display a total, one displays part of each record selected from the file, and another displays part of just one record; this edition includes brief descriptions of the files, guidelines for writing efficient queries, and many examples of queries and answers; this version of PIRL is easier to use and less restrictive than the teletype version.

PIRL QUERY LANGUAGE, Querying NPIC Files from a Teletype, []
Third Edition, August 1973.

This version of PIRL can also retrieve information from the Exploitation Products File and the Installations Data File; its capabilities are identical to those of the CRT version; however, several restrictions are placed on transmissions and answers; for example, you may include no more than two queries in each transmission; but if you use a CRT, you may transmit any number of queries; this publication also includes brief descriptions of the files, guidelines for writing efficient queries, and many examples of queries and answers.

STAR PROGRAM, USER'S MANUAL FOR, [], First Edition,
August 1971.

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STAR retrieves data from the Installations Data File; it is run from an on-line teletype, CRT, or DCT 2000; manual includes samples of output.

Teletype & DCT runs: retrieve one or more sectors from a single record; or, retrieve the same sector from several records.

CRT runs: retrieve the same sector from no more than five records.

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SPECIAL-PURPOSE PROGRAMS

ASSNTG PROGRAM, USER'S MANUAL FOR, [] Second Edition, December 1971.

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Counts the number of targets (1) for which photo coverage is predicted and (2) to which priority and IEG component codes have been assigned; the counts are based on data in a special-purpose file; output is a list of totals for an entire mission and for each bucket; run from an on-line teletype; used by R&RD and by the Executive Officer Staff, IEG.

MGTA PROGRAM AND THE WORKING FILE, IIS USER'S MANUAL, NPIC/R-04/73, Second Edition, February 1973.

MGTA determines the number and status of target records to be entered in the Installations Data File; run from an on-line teletype.

OAF & OAFD PROGRAMS, IIS USER'S MANUAL, [] First Edition, September 1971.

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Both programs print the status of records in the Installations Data File; this is the status at the time the records were being updated and the computer system failed or malfunctioned; both programs can print machine reference numbers [MRNs] that identify all records being updated; or they can print one or more MRNs and the updates to be entered in the corresponding records; run from an on-line teletype.

PFSLRD PROGRAM, USER'S MANUAL FOR, Changing and Printing Status List Files, [] First Edition, February 1973.

Status list files are special-purpose files used by IEG to monitor the exploitation of imagery; PFSLRD can change or print these files; data that can be changed includes COMIREX codes for exploitation priority, WWIPR parts, and codes for the status of readout requirements; run from any on-line device except a Sanders CRT; should be used only by those familiar with status list files.

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RRDUP PROGRAM, USER'S MANUAL FOR, Updating Mission Private Files, [] First Edition, January 1973.

RRDUP is used exclusively by the Targets Data Branch, R&RD to update photo references in mission private files; RRDUP updates references by inserting photo references for search areas and codes for photo interpretability; manual includes a sample printout of a file record; run from an on-line teletype or DCT 2000.

TXPROCESS PROGRAM, USER'S MANUAL FOR, [] First Edition, March 1972.

TXPROCESS prints IHEAD and ILOCA sectors of records in the Installations Data File; these are records that have been updated on any given work day; manual includes sample printouts; program is run by operators in the computer room.

WWIPR INTERFACE PROGRAM [RPGC], USER'S MANUAL FOR, Producing WWIPR Cables, Second Edition, October 1972. [No assigned report or control number]

RPGC prints a proof listing of an OAK, IPIR, or SUPIR cable; the listing is based on a WWIPR file of target readouts selected from the Installations Data File; the program sets up a WWIPR file, adds readouts to the file, and re-creates a file if the program or computer malfunctions; run from an on-line DCT 2000 by the Operations Branch, AID.

SCHEDULED FOR PUBLICATION IN 1974

COMPUTERIZING YOUR SPECIAL-PURPOSE FILES [tentative title], First Edition, Unclassified.

Explains how any collection of data you use in your work can be stored on magnetic discs and then updated and queried by a computer; how to organize your information, store it, and then update and print it; AID sets up your file, then you update and use the file

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from a remote terminal in your work area.

DATA PROGRAM [to be documented in the publication listed at the bottom of page 7].

DATA was designed especially for updating special-purpose [i.e., private] files; adds, replaces, and deletes sectors, fields, and items in one or more records; run from any on-line teletype or DCT 2000; may also be run from an on-line Sanders CRT, model 804, provided the CRT can be used as a teletype.

MGTPX PROGRAM, USER'S MANUAL FOR [tentative title], First Edition.

MGTPX can be used by anyone interested in the number of targets assigned COMIREX exploitation priority codes; MGTPX totals and prints the number of targets assigned codes A through F and I; can also print data on the status of targets and their readouts; run from any on-line teletype.

SEARCH PROGRAM, USER'S MANUAL FOR [tentative title], First Edition.

Program searches the Installations Data File or the Exploitation Products File until it finds records that contain the value of your choice; this value can be a word, phrase, sector, field, or item; program will give you a list of all MRNs that identify the records containing your value and will display sectors of the pertinent records; run from any on-line CRT.

VERIFY, EDIT, AND APPROVE PROGRAM, USER'S MANUAL FOR, Third Edition.

VEA has been modified so that the review of target readouts and highlights can be completed in one program run rather than three; can be run from any on-line Sanders CRT reserved for VEA; see also page 4.

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